

Docket: MA9658DIV4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Fraser et al.

Serial No:

10/614,648

Filed:

July 7, 2003

FOR: SYSTEMS AND METHODS FOR TREATING PATIENTS WITH

PROCESSED LIPOASPIRATE CELLS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Examiner: Lankford Jr, Leon B.

Group Art Unit: 1651

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 22, 2006.

Kenton R. Mullins, Reg. No. 36,331

TRANSMITTAL

Sir:

Submitted herewith are (224/pages including this Transmittal):

- 1. Return Receipt postcard;
- 2. Information Disclosure Statement;
- 3. Deposit Account Authorization: The Commissioner is herby authorized to charge any needed fees to deposit account 50-1600.

Respectfully submitted,

Kenton R. Mullins Attorney for Applicants Registration No. 36,331

March 22, 2006 4 Venture, Suite 300 Irvine, CA 92618 949-450-1750

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §1.56 and §1.97, Applicants wish to call the attention of the Examiner to the references that are listed on the attached PTO Form 1449, copies of which are submitted herewith. Pursuant to 37 C.F.R. §1.98(a), U.S. patents and U.S. patent application publications are not being provided with the enclosed PTO Form 1449.

Applicants request that the cited references be considered and listed on the face of any patent issuing from this application. These citations do not constitute an admission that the references are relevant or material to the claims, but rather only constitute the closest art of which Applicants are presently aware.

Respectfully submitted,

Kenton R. Mullins Attorney for Applicants

Registration No. 36,331

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Form PTO-1449 Docket Number: MA9658DIV4 **Application Number** INFORMATION DISCLOSURE CITATION Applicants: Fraser et al. 10/614.648 IN AN APPLICATION Filing Date: July 7, 2003 Group Art Unit: 1651 (Use several sheets if necessary) U. S. PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER NAME CLASS SUBCLAS **RULING DATE** INITIAL IF APPROPRIATE 5,436,135 7/25/1995 Tayot el at 7/18/2000 Weber at al 6,090,121 6,030,836 2/29/2000 Thiede et al 5,226,914 7/13/1993 KAR 2 4 2006 Haynesworth et al 4,963,489 10/16/1990 Naughton et al 5,916,743 6/29/1999 Lake at al 5,092,883 3/3/1992 Eppley et al 5,470,307 11/28/1995 Lindall 5.980.887 11/9/1999 Isner et al 5,261,612 11/16/1993 Ftaiha 6,777,231 Aug-04 Katz et al 5,952,215 Dwulet et al Sep-99 5,686,262 Nov-97 Fink et al 5,158,867 Oct-92 McNally et al FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO WO 96/38482 12/5/1996 WIPO **WIPO** WO 03/053362 7/3/2003 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) International Search Report, July 30, 2003, PCT/US02/40921. International Search Report, December 12, 2002, PCT/US02/29207. International Search Report, April 6, 2005, PCT/US04/20594. International Search Report, April 12, 2005, PCT/US04/21417. International Search Report, April 12, 2005, PCT/US04/21549. International Search Report, December 22, 2005, PCT/US04/21418. International Search Report, December 30, 2005, PCT/US04/21415. International Search Report, April 4, 2005, PCT/US04/21480. International Search Report, April 12, 2005, PCT/US04/21391. COLEMAN III, et al. "Autologous Collagen? Lipocytic Dermal Augmentayion. A Histopathologic Study." J. Dermatol. Surg. Oncol. Vol. 19, 1032-1040 (1993). KATZ et al. "A Novel Device for the Simple and Efficient Refinement of Liposuctioned Tissue." Plastic and Reconstructive Surgery, Vol. 107, No. 2, 595-597 (Feb. 2001). CARPANDENA, C.A. "Collagen alterations in adipose autograft's." Aesthetic Plastic Surgery, Vol. 18, 11-15 (1994). SATTLER et al. "Liporecycling: a technique for facial rejuvenation and body contouring." Dermantol. Surg. Vol. 26, No. 12, 1140-1144 (Dec. 2000). KALE et al. "Bone marrow stem cells contribute to repair of the ischemically injured renal tubule." J. Clinical Investigation, Vol. 112, No. 1, 42-49 (Jul. 2003). SAFFORD et al. "In vivo engraftment and differentiation of murine adipose derived stromal cells." Blood, Vo. 100, No. 11, 731a, (Nov. 2002). U.S. Application No. 2003/0,161,916, filed 08/28/2003, FRASER et al. MIRANVILLE et al. "Human adipose tissue-derived stem cells improve blood flow in the ischemic mouse hind-limb." Circulation, Vol. 108, No. 17, Supp. IV, 164 (Oct. 2003). SIVAN-LOUKIANOVA et al. "CD34+ Blood cells accelerate vascularization and healing of diabetic mouse skin wounds." J. Vascular Research, Vol. 40, No. 4, 368-377 (Jul.-Aug. 2003). **EXAMINER DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

include copy of this form with next communication to the applicant.